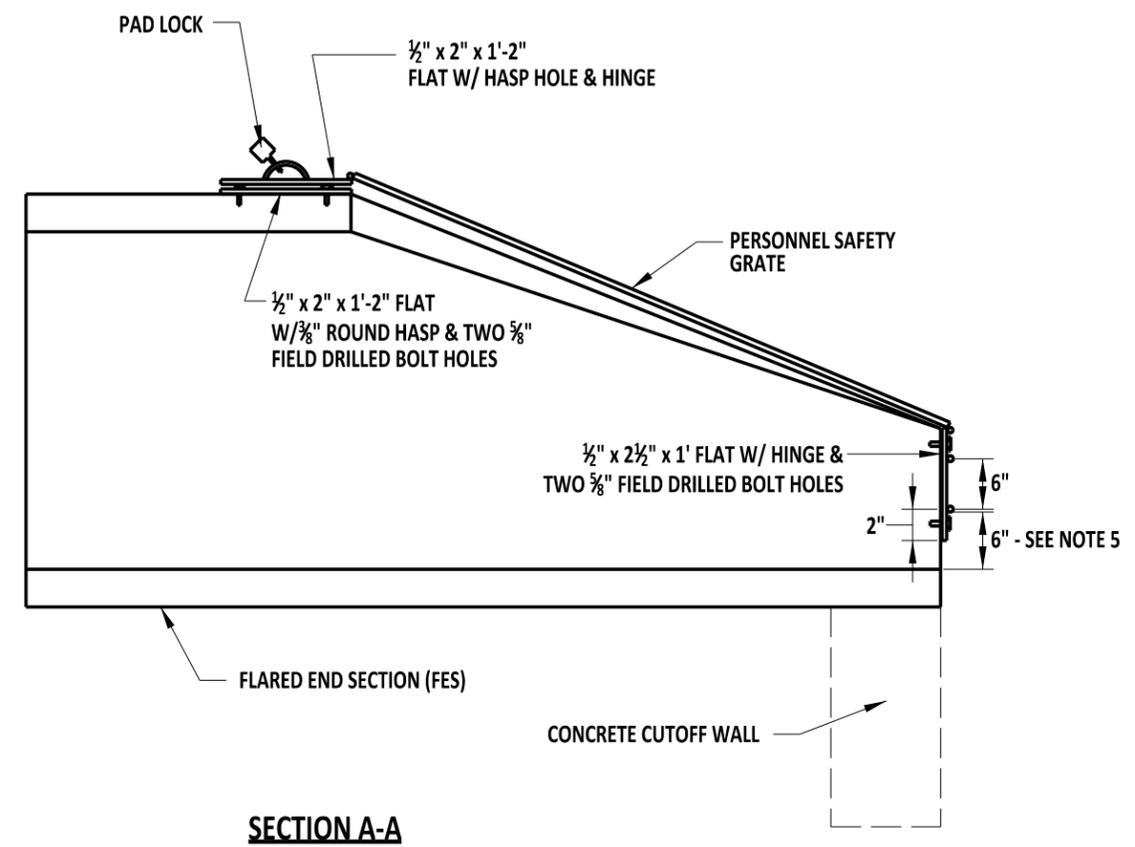


PLAN VIEW



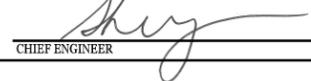
SECTION A-A

- NOTES:**
- 1). INSTALL PERSONNEL SAFETY GRATES (PSG) ONLY ON THE INLETS OF STORM WATER PIPES 12" OR LARGER IN DIAMETER THAT ARE NOT STRAIGHT FROM THE INLET TO THE OPEN OUTLET, REGARDLESS OF THE LENGTH.
 - 2). FIT THE GRATE TO THE OUTSIDE PERIMETER OF THE FLARED END SECTION (FES) ± 1/2".
 - 3). DRILL ALL BOLT HOLES IN THE FIELD.
 - 4). INSTALL A STIFFENER WHERE TWO OR MORE BARS ARE USED.
 - 5). PLACE BOTTOM BAR 6" ABOVE INVERT OF FES.
 - 6). ATTACH ALL HARDWARE IN CONCRETE USING APPROVED TAMPER PROOF ANCHORS.




 ENGINEERING SUPPORT DATE 09/01/2020
RECOMMENDED

PERSONNEL SAFETY GRATE FOR PIPE INLET
 STANDARD NO. D-3 (2020) SHT. 2 OF 2

REVIEWED 
 DEPUTY DIRECTOR - DESIGN DATE 09/01/2020
 APPROVED 
 CHIEF ENGINEER DATE 09/01/2020